

Site Investigation Report

Auger Ref:

144858.2.TSI



Job Information

Client	Admiral (Subs)
Client ref	9714227
Visit date	27/04/2023
Report date	24/05/2023

Job Summary

✓ 1 trial hole undertaken. [Read more.](#)



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Job Information

Overview

Brief

Auger were commissioned by Admiral (Subs) to undertake a site investigation within the area of concern (AOC) at the property.

Findings

Trial Hole Findings

Photographs

Trial Hole 1

Fig 1.1: Trial Hole 1 Location



Fig 1.2: Trial Hole 1 Footing



Fig 2.1:



Fig 2.2:

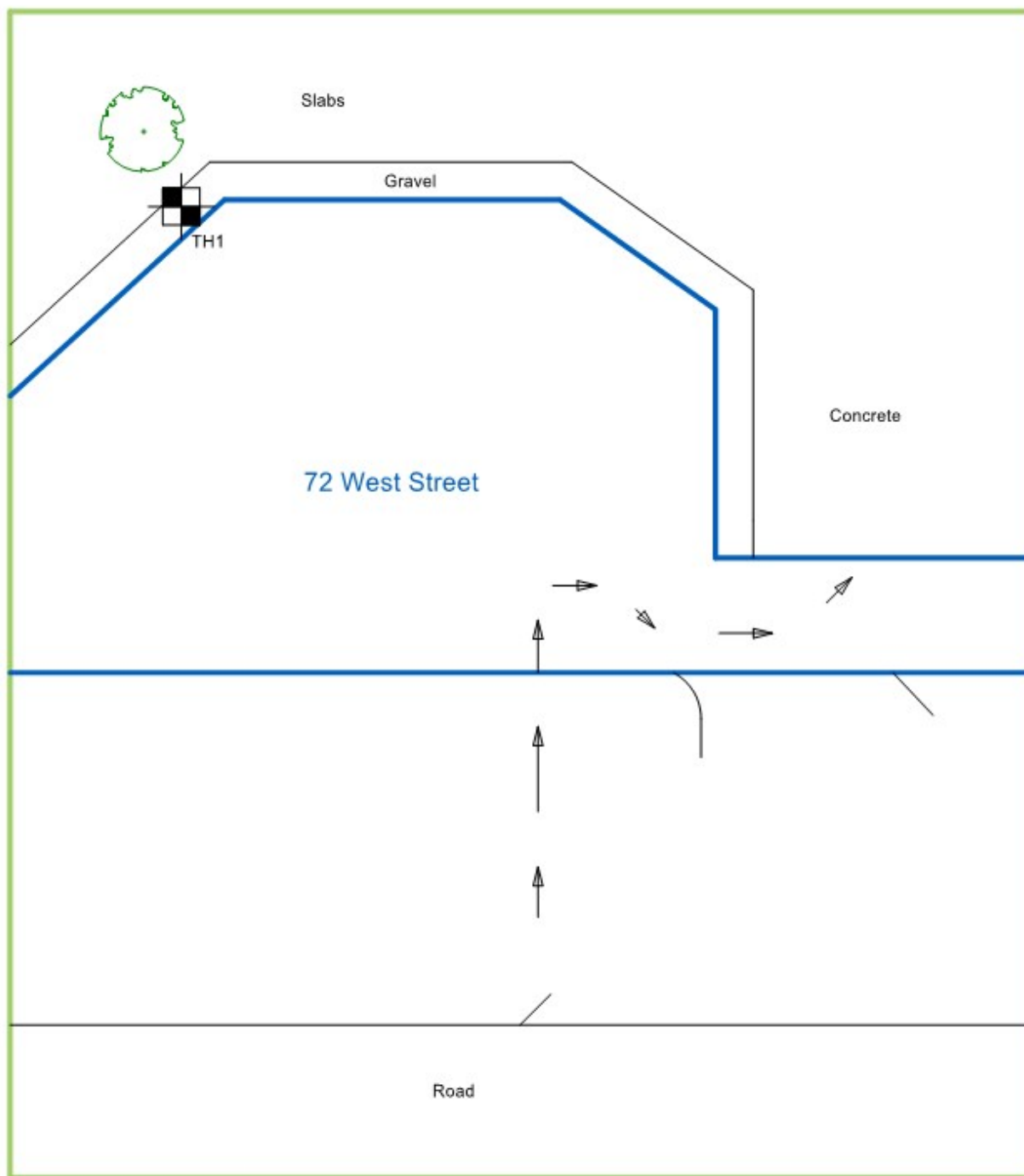


Fig 2.3:



Fig 2.4:





FRONT OF PROPERTY

This drawing should be used for diagrammatic purposes only. Auger are not responsible or liable for any 3rd party works undertaken using the details outlined in this drawing. Confirmation of the drainage configuration can only be confirmed by excavation or detailed technical survey.

LEGEND

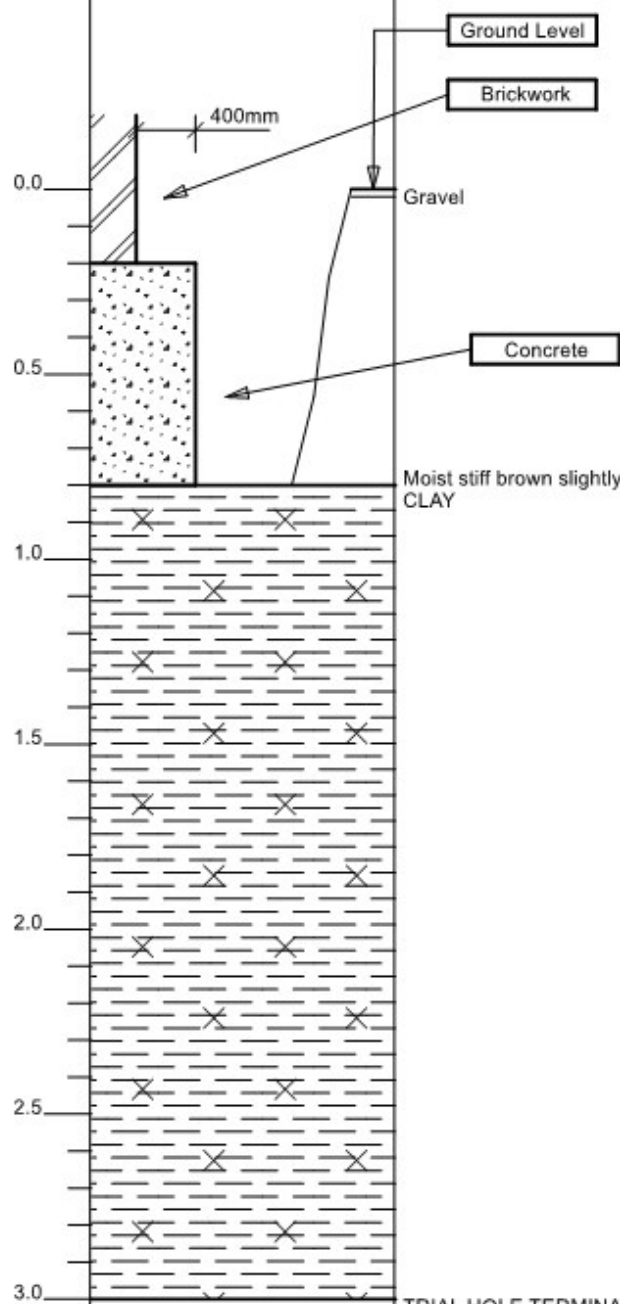
	= Manhole (MH)		= Blockage / Collapse		= Lines not camera surveyed		= Trial hole		= Shrubs / Bush
	= Inspection Chamber (IC)		= Soil Vent Pipe (SVP) / WC		= Lines camera surveyed		= Borehole		= Hedge
	= Inspection Point (IP)		= Combined Waste Gully (CWG) / Foul Waste Gully (FWG)		= Assumed water mains feed		= Direction of flow		= Tree
			= Rainwater Gully (RWG)		= Walls		= Gate / Door		= Steps
			= Rainwater Pipe (RWP)		= Fences				
					= Building Outline				



Trial Hole Log No.1

Location: Rear IHC conservatory

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Depth (m)	Symbolic Log	Strata Description	Insitu Tests		Soil Sample	Root Sample
			SV(19)			
0.0		Ground Level				
		Brickwork				
		Gravel				
0.5		Concrete				
		Moist stiff brown slightly silty CLAY	70kpa			Root @ 0.8m
1.0			70kpa			
1.5			74kpa			
2.0			78kpa			
2.5			78kpa			
3.0		TRIAL HOLE TERMINATED	80kpa			



Root identification
Vegetation surveys
Tree/Building investigations
Plant taxonomy

Richardson's Botanical Identifications

Auger Solutions

Auger House

Cross Lane

WALLASEY

Wirral CH45 8RH

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Your ref: 144858-2-1

Our ref: 86/7011

26/05/2023

Dear Sirs

Root ID

The samples you sent in relation to the above on 27/04/2023 have been examined. Their structures were referable as follows:

TH1, 0.8m		
3 no.	Examined root: a conifer, similar in many ways to PINUS (Pine) and also CEDRUS (Cedar). Very THIN.	Alive, recently*.
1 no.	Examined root: most referable to the family LEGUMINOSAE (a group of closely related trees: Robinia (False Acacia), Laburnum, Sophora (Pagoda tree), Gleditsia (Honey Locust), Cercis (Judas tree/Redbud), Albizia (Silk tree), Acacia (Mimosa), as well as such shrubs as Wisteria, Lupins, Gorse and Brooms). Also very immature.	Alive, recently*.
2 no.	Examined root: too DECAYED for identification.	
2 no.	Both samples revealed too few cells for microscopic identification.	

Click here for more information: [CEDRUS](#) [LEGUMINOSAE](#) [PINUS](#)

I trust this is of help. Please call us if you have any queries; our Invoice is enclosed.

Yours faithfully

Dr Ian B K Richardson

* Based mainly on the Iodine test for starch. Starch is present in some cells of a living woody root, but is more or less rapidly broken down by soil micro-organisms on death of the root, sometimes before decay is evident. This result need not reflect the state of the parent tree.

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